Title (en)

POLYESTER RESIN AQUEOUS DISPERSION AND METHOD FOR PRODUCING SAME

Title (de)

WÄSSRIGE POLYESTERHARZDISPERSION UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)

DISPERSION AQUEUSE DE RÉSINE POLYESTER ET PROCÉDÉ DE PRODUCTION ASSOCIÉ

Publication

EP 2397522 A1 20111221 (EN)

Application

EP 10741166 A 20100203

Priority

- JP 2010051468 W 20100203
- JP 2009028040 A 20090210

Abstract (en)

An aqueous polyester resin dispersion, wherein a polyester resin having an acid value of 2 to 40 mgKOH/g and containing neopentylglycol as an alcohol component in an amount of 70 mol % or more is dispersed in an aqueous medium and a volume mean diameter is 50 nm or less, and a method of producing the aqueous polyester resin dispersion, including a dispersion step of dispersing the polyester resin together with a basic compound in an aqueous medium, wherein a rotational speed of agitation in a reaction tank is 500 rpm or less in the dispersing step.

IPC 8 full level

C08L 67/02 (2006.01); **C08J 3/07** (2006.01); **C08K 3/20** (2006.01); **C08K 3/28** (2006.01); **C08K 5/17** (2006.01)

CPC (source: EP KR)

C08G 63/183 (2013.01 - KR); **C08G 63/78** (2013.01 - KR); **C08G 63/90** (2013.01 - KR); **C08J 3/05** (2013.01 - EP KR); **C08L 67/02** (2013.01 - KR); **C09D 5/027** (2013.01 - EP); **C09D 167/02** (2013.01 - EP KR); **C09J 167/02** (2013.01 - EP); C08J 2367/02 (2013.01 - EP); C08K 3/22 (2013.01 - EP)

Citation (search report)

See references of WO 2010092889A1

Cited by

US9593195B2; US9540484B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2397522 A1 20111221; JP 5666919 B2 20150212; JP WO2010092889 A1 20120816; KR 101735848 B1 20170515; KR 20110124228 A 20111116; TW 201035181 A 20101001; WO 2010092889 A1 20100819

DOCDB simple family (application)

EP 10741166 A 20100203; JP 2010051468 W 20100203; JP 2010550490 A 20100203; KR 20117018571 A 20100203; TW 99103924 A 20100209